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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/722,991
		Filing Date	11/27/2000
		First Named Inventor	Oleg Yaroshchuk
		Group Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	KSU-189	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MANFRED EICH, ET AL., "Laser-Induced Gratings and Spectroscopy in Monodomains of Liquid Crystalline Polymers," J. Opt. Soc. Am., Optical Society of America, Vol. 7 (No. 8), p. 1429-1436, (August 1990).	
		Z. SEKKAT ET AL., "Photoinduced Orientation of Azo Dyes in Polymeric Films. Characterization of Molecular Angular Mobility," Synthetic Metals, Elsevier Sequoia, p. 373-381, (1993).	
		DONG-HAE SUH, ET AL., "Photocontrol of Alignment of a Nematic Liquid Crystal," Macromol, Chem. Phys, Hiithig & Wepf Verlag Zug, p. 375-381, (1998).	
①		J. STUMPE, ET AL., "Photo-Orientation in Amorphous and Aligned Films of Photochromic Liquid Crystalline Polymers," Thin Solid Films, p. 252-256, (1996).	
①		J. CHEN, ET AL., "Model of Liquid Crystal Alignment by Exposure to Linearly Polarized Ultraviolet Light," Physical Review E, The American Physical Society, Vol. 54 (No. 2), p. 1599-1603, (1996).	
①		YURIY REZNIKOV, ET AL., "Relationship Between Molecular Structure of Photosensitive Fragments and Aligning Properties of Polysiloxanes," Mol. Materials, Gordon and Breach Science Publishers, p. 333-342, (1998).	
①		M. NISHIKAWA, ET AL., "Mechanism of Unidirectional Liquid-Crystal Alignment on Polyimides with Linearly Polarized Ultraviolet Light Exposure," Applied Physics Letters, American Institute of Physics, Vol. 72 (No. 19), p. 2403-2405, (May 11, 1998).	
①		N. C. R. HOLME, ET AL., "Photoinduced Anisotropy Measurements in Liquid-Crystalline Azobenzene Side-Chain Polyesters," Applied Optics, Vol. 35 (No. 23), p. 4622-4627, (August 10, 1996).	
①		AXEL BOHME, "Liquid-Crystalline Side Group Polyesters with Definite Lengths of Flexible Spacers in the Main Chain," Makromol. Chem., Huthig & Wepf Verlag, p. 3341-3348,	
①		P. UZNANSKI, "Polarized Absorption Spectroscopy of Trans-Azobenzene and Trans-Stilbene in Stretched Polyethylene Films," Spectrochimica Acta., Pergamon Press plc, Vol. 46A (No. 1), p. 23-27, (1990).	
①		DERWENT WPI PUBLICATION, ACCESSION NO. 97-068695/199707; English language translation of JP 8313729 (November 29, 1996)	

Examiner Signature		Date Considered	7/28/01
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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P		HIROYUKI MORI, ET AL., "Application of a Negative Birefringence Films to Various LCD Moldes," Proc. IDRC, p. M88-M97, (1997).	
O		T. TOYOOKA, ET AL., "Optical Design for Wide-Viewing-Angle TN-LCD with Hybrid Aligned Nematic Compensation Films," SID 98 Digest, p. 698-701, (1998).	
O		J. CHEN, ET AL., "Wide-Viewing-Angle Photoaligned Plastic Films for TN-LCDs," SID 99 Digest, p. 98-99, (1999).	
O		T. YAMADA, ET AL., "Novel Optical Compensatin Film Using Discotic Compound," IDW '96, p. 349-352, (1996).	
O		HIDETOSHI TOMITA, ET AL., "Photoregulation of Liquid Crystal Alignment by Cinnamoyl Residues on a Silica Surface," Liquid Crystals, Taylor & Francis Ltd., Vol. 20 (No. 2), p. 171-176, (1996).	
O		MARTIN SCHADT, ET AL., "Surface-Induced Parallel Alignment of Liquid Crystals by Linearly Polymerized Photopolymers," Jpn. J. Appl. Phys., Vol. 31 (No. I-7), p. 2155-2164, (July 1992).	
O		Dyadyusha, A., et al., Ukr.Fiz. Zhurn, 1991, 36, 1059 (in Russian); English language summary, page 1062.	

Examiner Signature		Date Considered	3/2/07
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(Rev. 8-83) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
KSU-189SERIAL NO.
09/722,991

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Oleg Yaroshchuk et al.FILING DATE
November 27, 2000GROUP
2871

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub class	Filing Date (If Appropriate)

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub class	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

0	Schadt, Martin et al., <u>Photo-Generation of Linearly Polymerized Liquid Crystal Aligning Layers Comprising Novel, Integrated Optically Patterned Retarders and Color Filters</u> , <i>Jpn. J. Appl. Phys.</i> , Vol. 34 (1995) pp. 3240 -3249
7	Weisner, Ulrich et al., <u>An Infrared Spectroscopic Study of Photo-Induced Reorientation in Dye Containing Liquid-Crystalline Polymers</u> , <i>Liquid Crystals</i> , Vol. 11, No. 2 (1992) pp. 251-267
6	Benecke, Carsten et al., <u>Determination of Director Distributions in Liquid Crystal Polymer-Films by Means of Generalized Anisotropic Ellipsometry</u> , <i>Jpn. J. Appl. Phys.</i> , Vol. 39 (2000) pp. 525 - 531
8	Chen, J. et al., <u>Wide-Viewing-Angle Photoaligned Plastic Films for TN-LCD's</u> , <i>SID 99 Digest</i> , (1999) pp. 98 - 101

EXAMINER

DATE CONSIDERED 8/28/00

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